

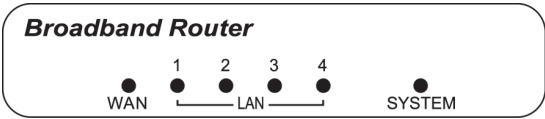
# **4-Port Cable/DSL Broadband Router User Manual**

The User Manual explains how to setup and use the router in details. It also provides some quick introductions to the related network technologies. Please read it carefully before connecting the Router to the Internet and always consult it first when you meet problems with the Router.

## Package Contents

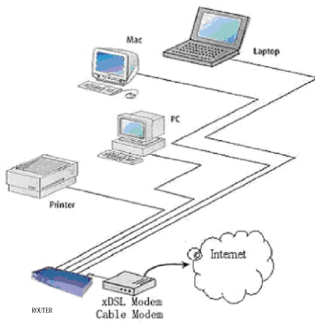
- 4-port Cable/DSL Broadband Router 1pc
- Power Adapter 1pc

## Light Panel



LED	Function	
SYS	Flashing	Power on CPU on WLAN ACT WPS working (orange)
	On	WAN Connection normal
WAN	Flashing	Data transmitting
	On	LAN Connection normal
LAN	On	LAN Connection normal
	Flashing	Data transmitting

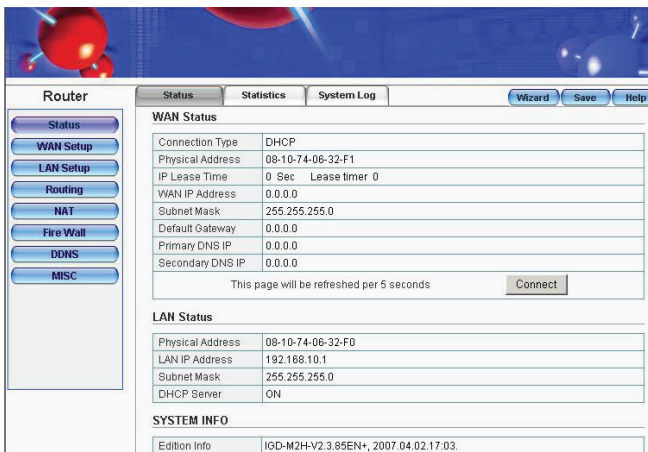
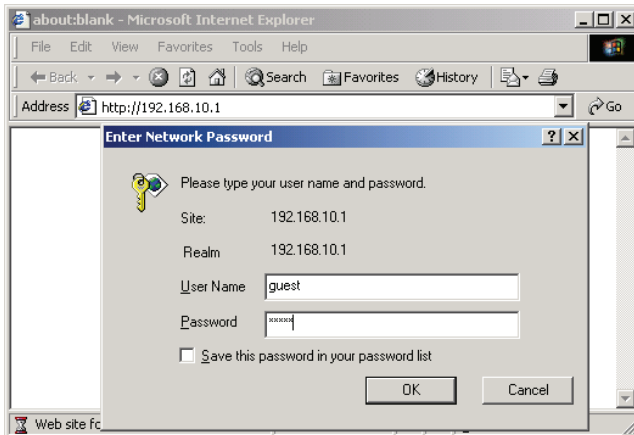
## Working environment



- Make sure that all network devices are powered off, including the Router, PCs, switches, cable or DSL modem, and peripherals.
- Connect the modem with the WAN port of the Router by one CAT 5 Ethernet cable.
- Connect your computers with the LAN ports (1x/2x/3x/4x) of the Router by CAT 5 ethernet cables. One computer connects to one port by one cable.
- Power on the cable or DSL modem.
- Plug in the power of the Router. The Power LED on the Router's front panel will light up as soon as the power adapter is connected properly.
- Power on your PC(s).

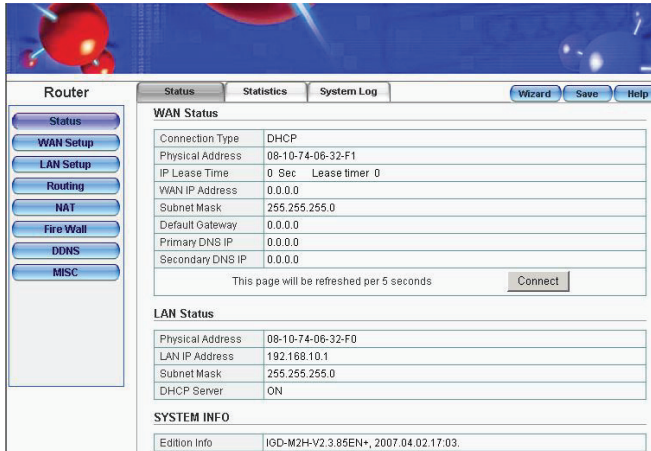
## Configuring the Router

- Open an Internet Explorer (or other web browser), type “192.168.10.1” in the address bar, and then press “Enter”.
- Input “guest” for the User Name, and “guest” for the Password, and then press OK.



## Status

When finish configuring the WAN/LAN Setup, the Status screen will list up the connection status for the Broadband Routers' WAN/LAN interfaces, firmware version numbers.

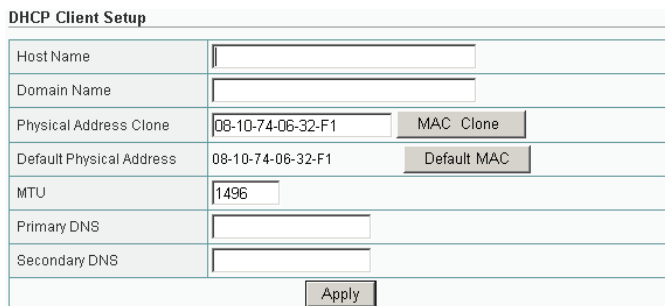


The screenshot shows the 'Router' configuration page with the 'Status' tab selected. The left sidebar contains buttons for Status, WAN Setup, LAN Setup, Routing, NAT, Fire Wall, DDNS, and MISC. The main content area is divided into three sections: WAN Status, LAN Status, and SYSTEM INFO. The WAN Status section shows connection details for a DHCP connection, including physical address, IP lease time, and WAN IP address. The LAN Status section shows details for the LAN interface, including physical address, LAN IP address, and subnet mask. The SYSTEM INFO section shows the edition information.

Router																	
<b>Status</b>	<b>Status</b>   <b>Statistics</b>   <b>System Log</b>   <b>Wizard</b>   <b>Save</b>   <b>Help</b>																
<b>WAN Status</b>	<table border="1"><tr><td>Connection Type</td><td>DHCP</td></tr><tr><td>Physical Address</td><td>08-10-74-06-32-F1</td></tr><tr><td>IP Lease Time</td><td>0 Sec Lease timer 0</td></tr><tr><td>WAN IP Address</td><td>0.0.0.0</td></tr><tr><td>Subnet Mask</td><td>255.255.255.0</td></tr><tr><td>Default Gateway</td><td>0.0.0.0</td></tr><tr><td>Primary DNS IP</td><td>0.0.0.0</td></tr><tr><td>Secondary DNS IP</td><td>0.0.0.0</td></tr></table> <p>This page will be refreshed per 5 seconds <b>Connect</b></p>	Connection Type	DHCP	Physical Address	08-10-74-06-32-F1	IP Lease Time	0 Sec Lease timer 0	WAN IP Address	0.0.0.0	Subnet Mask	255.255.255.0	Default Gateway	0.0.0.0	Primary DNS IP	0.0.0.0	Secondary DNS IP	0.0.0.0
Connection Type	DHCP																
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Subnet Mask	255.255.255.0																
Default Gateway	0.0.0.0																
Primary DNS IP	0.0.0.0																
Secondary DNS IP	0.0.0.0																
<b>LAN Status</b>	<table border="1"><tr><td>Physical Address</td><td>08-10-74-06-32-F0</td></tr><tr><td>LAN IP Address</td><td>192.168.10.1</td></tr><tr><td>Subnet Mask</td><td>255.255.255.0</td></tr><tr><td>DHCP Server</td><td>ON</td></tr></table>	Physical Address	08-10-74-06-32-F0	LAN IP Address	192.168.10.1	Subnet Mask	255.255.255.0	DHCP Server	ON								
Physical Address	08-10-74-06-32-F0																
LAN IP Address	192.168.10.1																
Subnet Mask	255.255.255.0																
DHCP Server	ON																
<b>SYSTEM INFO</b>	<table border="1"><tr><td>Edition Info</td><td>IGD-M2H-V2.3.85EN+, 2007.04.02.17.03.</td></tr></table>	Edition Info	IGD-M2H-V2.3.85EN+, 2007.04.02.17.03.														
Edition Info	IGD-M2H-V2.3.85EN+, 2007.04.02.17.03.																

## For Dynamic IP Setting

- Select "Dynamic IP User" button.
- You can check the "Physical Address Clone" checkbox to copy the MAC Address of your PC to be the MAC address of this device.



The screenshot shows the 'DHCP Client Setup' screen. It contains several input fields for Host Name, Domain Name, Physical Address Clone, Default Physical Address, MTU, Primary DNS, and Secondary DNS. There are also buttons for 'MAC Clone' and 'Default MAC'. An 'Apply' button is at the bottom.

DHCP Client Setup	
Host Name	<input type="text"/>
Domain Name	<input type="text"/>
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/> <b>MAC Clone</b>
Default Physical Address	<input type="text" value="08-10-74-06-32-F1"/> <b>Default MAC</b>
MTU	<input type="text" value="1496"/>
Primary DNS	<input type="text"/>
Secondary DNS	<input type="text"/>
<b>Apply</b>	

Click “Apply” button then finish of setting

## For PPPoE Setting

- Select “PPPoE User (ADSL)” button.
- PPPoE Account and PPPoE Password, Enter the User Name and Password provided by your ISP

PPPoE Setup		
PPPoE Account	<input type="text"/>	
PPPoE Password	<input type="password"/>	
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/>	<input type="button" value="MAC Clone"/>
Default Physical Address	<input type="text" value="08-10-74-06-32-F1"/>	<input type="button" value="Default MAC"/>
MTU	<input type="text" value="1410"/>	
Primary DNS	<input type="text"/>	
Secondary DNS	<input type="text"/>	
<input checked="" type="radio"/> Connect to Internet automatically (Default)		
<input type="radio"/> Auto disconnect when idle, time out      After <input type="text"/> minutes, if no found the access request then auto-break off!		
<input type="radio"/> Connect to Internet manually		
<input type="button" value="Apply"/>		

## For Static IP Setting

- Input the IP Address sub mask ,Primary DNS , Secondary DNS and Gateway provided by your ISP.
- You can check the “Physical Address Clone” checkbox button to copy the MAC Address of your PC to be the MAC address of this device.

### Static IP Setup

WAN IP Address	<input type="text" value="10.0.10.3"/>
Subnet Mask	<input type="text" value="255.255.255.0"/>
Default Gateway	<input type="text" value="10.0.10.1"/>
Primary DNS	<input type="text" value="61.139.2.69"/>
Secondary DNS	<input type="text" value="202.96.698.68"/>
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/> <input type="button" value="MAC Clone"/>
Default Physical Address	<input type="text" value="08-10-74-06-32-F1"/> <input type="button" value="Default MAC"/>
MTU	<input type="text" value="1496"/>
<input type="button" value="Apply"/>	

## For PPTP Setting

- This setting is most commonly used by DSL providers.
- Select "PPTP" button.
- Input the User Name, Password and Server IP Address provided by your ISP.

### PPTP

User Name	<input type="text" value="test"/>
Password	<input type="password" value="****"/>
Server IP Address	<input type="text" value="192.168.100.1"/>

Chose one WAN connection type DHCP or Static IP

<input checked="" type="radio"/> <b>DHCP</b>	
<input type="radio"/> <b>Static IP</b> <input type="text" value="192.168.0.1"/>	
Primary DNS	<input type="text"/>
Secondary DNS	<input type="text"/>
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/> <input type="button" value="MAC Clone"/>
Default Physical Address	<input type="text" value="08-10-74-06-32-F1"/> <input type="button" value="Default MAC"/>
MTU	<input type="text" value="1496"/>
<input type="button" value="Apply"/>	

## Restore Default / Restart System

Restore the Router's configuration to its factory default settings. Restore Factory Defaults. To clear all of the Router's settings and reset them to its factory defaults, click the Restore Default button. Router will restart automatically.

## Firmware Upgrade

Upgrade the Broadband router's system firmware. To upgrade the firmware of your Broadband router, you need to download the firmware file to your local hard disk, and enter that file name and path in the appropriate field on this page. You can also use the Browse button to find the firmware file on your PC.

### Firmware Upgrade

New Firmware File:	<input type="text"/>	<input type="button" value="Browse..."/>	<input type="button" value="Apply"/>
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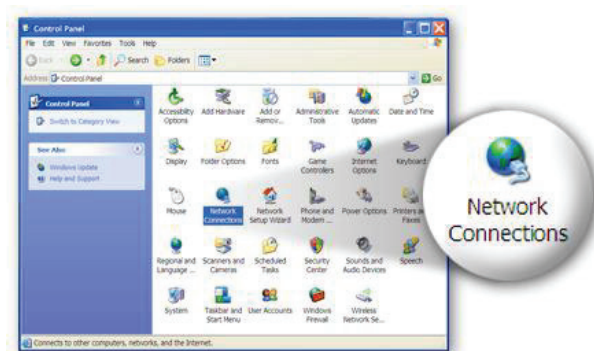
Please follow the steps below to setup your computer:

Go to: Start -> Settings -> Control Panel

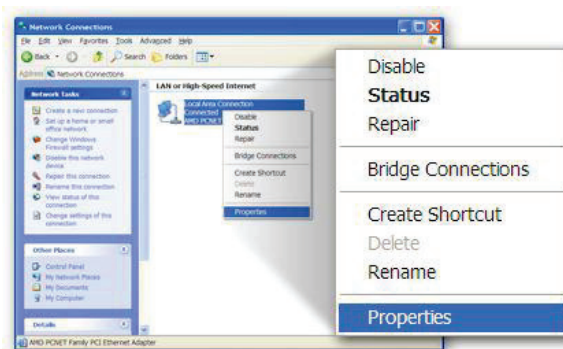


- Click Network and Internet Connections





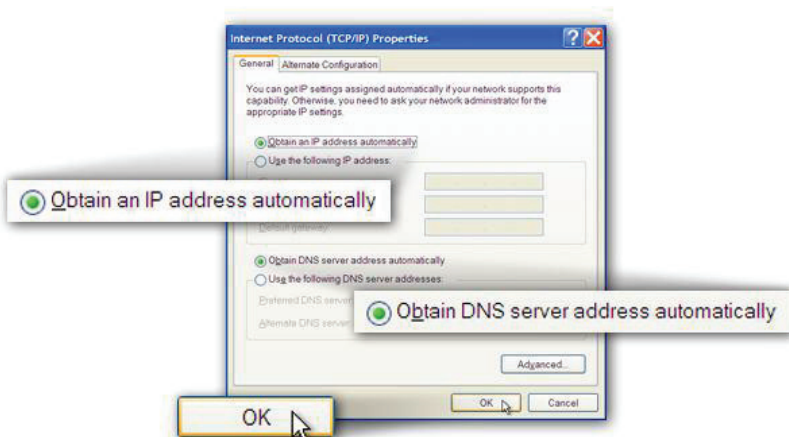
- Highlight the icon Local Area Connection, right click your mouse, click Properties



- Highlight Internet Protocol (TCP/IP), and then press Properties button



- Choose Obtain an IP address automatically and Obtain DNS server address automatically, and then press OK to close the Internet Protocol (TCP/IP) Properties window.



**Press OK to close the Local Area Connection Properties window**

**RPC-IP2105A**

**Broadband Router**

**Ghid de instalare**

Routerul poate fi configurat foarte usor folosind wizard-ul gasit pe CD-ul de instalare din pachet. Wizardul este o unealta la indemana ce permite o configurare rapida si eficienta a conexiunii la internet, SSID, securitate wireless, upgrade de firmware si schimbarea parolei routerului. Cand porneste wizard-ul pe ecran va aparea o imagine de bun venit . Va rugam sa alegeti limba pentru a porni configurarea. Nu vom oferi nici un fel de instructiune pentru wizard in acest ghid.

Daca pierdeti CD-ul sau preferati configurarea traditional de tip web, va rugam sa urmariti procedurile din acest ghid de instalare rapida pentru setarea de baza a routerului.

## **Continutul Pachetului**

Inainte sa incepeti sa folositi routerul va rugam verificati daca lipseste ceva din pachet si daca da, va rugam contactati dealer-ul dvs pentru a reclama acest lucru.

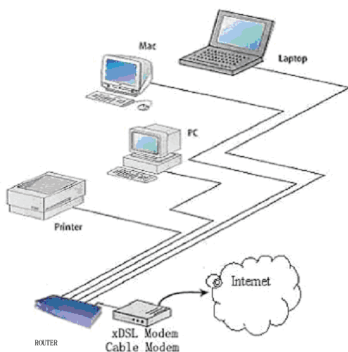
- Broadband router ( 1 buc)
- Ghid de instalare (1 buc)
- CD-ROM (1 buc)
- 12V adaptor de putere (1 buc)

## **Inainte de a incepe**

Trebuie sa aveti la dispozitie cel putin urmatoarele:

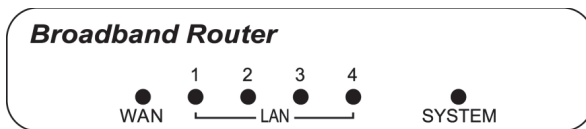
- Acces in banda larga la internet
- Placa de retea 10/100
- Internet Explorer 5.0 sau o versiune superioara pentru configurarile WEB

## **Instalarea Hardware**



- Conectati cablul Ethernet pornind de la portul WAN al routerului la portul LAN al modemului.
- Conectati cablul Ethernet primit in cutie intr-un port LAN al routerului si in placa de retea a calculatorului.
- Verificati ca LED-ul LINK al routerului sa fie aprins, pentru a confirma corectitudinea conectarii cablurilor.
- Se conecteaza la transformatorul de tensiune.

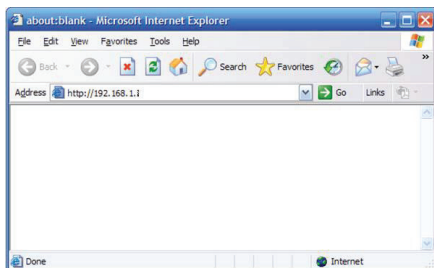
## Indicator LED



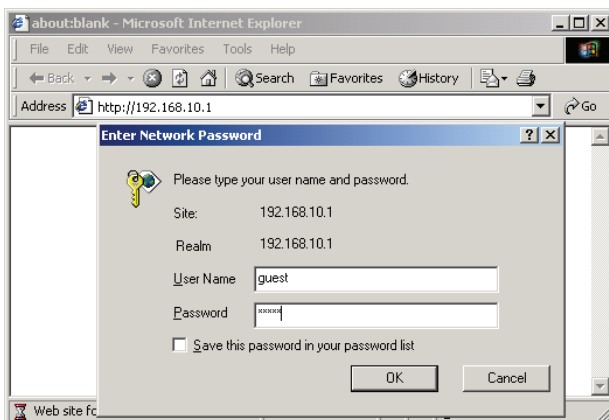
LED	Functii	
SYS	Intermitent	Pornit
WAN	Aprins	Conexiune WAN normala
	Intermitent	Transmite date
LAN	Aprins	Conexiune LAN normala
	Intermitent	Transmite date

## Configurarea Routerului

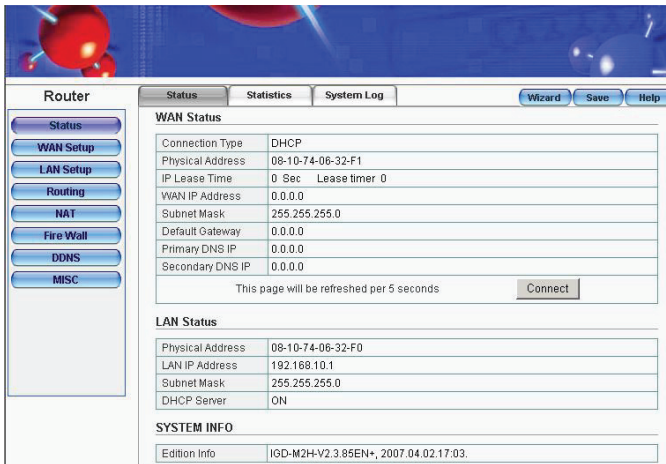
- Deschideti un browser web (Internet Explorer, Mozilla, etc.) si introduceti in campul de adresa IP-ul routerului `http://192.168.10.1`, apoi apasati „**Enter**”



- Fereastra de login va aparea pe ecran. Introduceti „**User Name**” si „**Password**” si apoi click pe butonul „**OK**” pentru a va loga. User name-ul este „**guest**” si password (parola) este „**guest**”.



- Fereastra principala va fi afisata. In bara din stanga va aparea meniul pentru configurarea routerului, iar in partea dreapta a ecranului veti putea vizualiza setarile efectuate.



The image shows a web-based router configuration interface. At the top, there's a header with a blue background and a red sphere graphic. Below the header, there's a navigation menu on the left with buttons for Status, WAN Setup, LAN Setup, Routing, NAT, Fire Wall, DDNS, and MISC. The main content area has tabs for Status, Statistics, and System Log. The Status tab is active, showing WAN Status, LAN Status, and SYSTEM INFO sections.

**Router**

**Status** **Statistics** **System Log** **Wizard** **Save** **Help**

**WAN Status**

Connection Type	DHCP	
Physical Address	08-10-74-06-32-F1	
IP Lease Time	0 Sec	Lease timer 0
WAN IP Address	0.0.0.0	
Subnet Mask	255.255.255.0	
Default Gateway	0.0.0.0	
Primary DNS IP	0.0.0.0	
Secondary DNS IP	0.0.0.0	

This page will be refreshed per 5 seconds **Connect**

**LAN Status**

Physical Address	08-10-74-06-32-F0	
LAN IP Address	192.168.10.1	
Subnet Mask	255.255.255.0	
DHCP Server	ON	

**SYSTEM INFO**

Edition Info	IGD-M2H-V2.3.85EN+, 2007.04.02.17:03.
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## Setarea sistemului

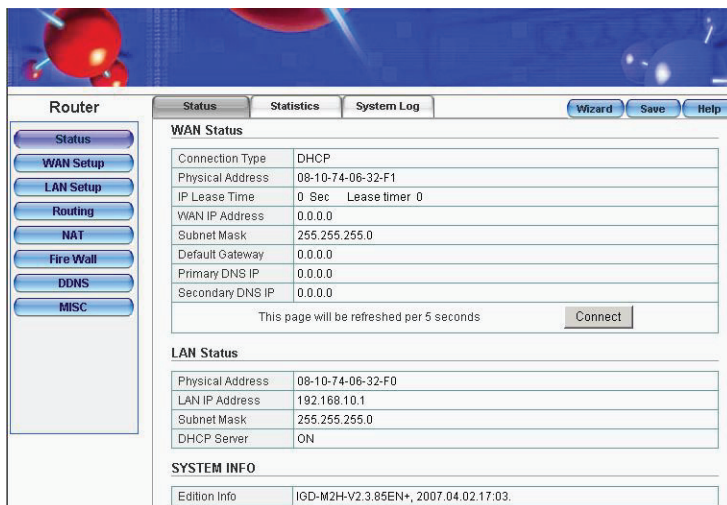
### Setari conexiune la internet

- Cele mai multe conexiuni utilizeaza IP-ul dinamic (DHCP) care este setat implicit. Daca aveti un alt tip de conexiune (static IP), trebuie sa apasati butonul "WAN Setup" si sa introduceti setarile pe care le-ati primit de la furnizorul de internet apoi apasati butonul "Apply", apoi "Save" pentru a salva modificarile efectuate.

### Static IP Setup

WAN IP Address	<input type="text" value="10.0.10.3"/>
Subnet Mask	<input type="text" value="255.255.255.0"/>
Default Gateway	<input type="text" value="10.0.10.1"/>
Primary DNS	<input type="text" value="61.139.2.69"/>
Secondary DNS	<input type="text" value="202.96.698.68"/>
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/> <input type="button" value="MAC Clone"/>
Default Physical Address	08-10-74-06-32-F1 <input type="button" value="Default MAC"/>
MTU	<input type="text" value="1496"/>
<input type="button" value="Apply"/>	

- Pentru a verifica daca sunteti deja conectat la internet apasati butonul "Status" pentru a vedea daca aveti alocat un IP, Gateway, etc (a se vedea imaginea de mai jos).



The screenshot shows the 'Router' configuration page with the 'Status' tab selected. The left sidebar contains buttons for Status, WAN Setup, LAN Setup, Routing, NAT, Fire Wall, DDNS, and MISC. The main content area displays WAN and LAN status information.

Router	
Status	Statistics
System Log	Wizard Save Help
WAN Status	
Connection Type	DHCP
Physical Address	08-10-74-06-32-F1
IP Lease Time	0 Sec Lease timer 0
WAN IP Address	0.0.0.0
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
Primary DNS IP	0.0.0.0
Secondary DNS IP	0.0.0.0
This page will be refreshed per 5 seconds	
<input type="button" value="Connect"/>	
LAN Status	
Physical Address	08-10-74-06-32-F0
LAN IP Address	192.168.10.1
Subnet Mask	255.255.255.0
DHCP Server	ON
SYSTEM INFO	
Edition Info	IGD-M2H-V2.3.85EN+, 2007.04.02.17:03.

- Daca nu sunteti conectat, furnizorul de internet probabil necesita clonarea adresei MAC a computerului la router. Pentru a face acest lucru apasati "Dynamic IP" apoi bifati "Physical Adress Clone" pentru a obtine adresa MAC a computerului apoi apasati "Save" pentru a salva modificarile efectuate.



### DHCP Client Setup

Host Name	<input type="text"/>	
Domain Name	<input type="text"/>	
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/>	<input type="button" value="MAC Clone"/>
Default Physical Address	<input type="text" value="08-10-74-06-32-F1"/>	<input type="button" value="Default MAC"/>
MTU	<input type="text" value="1496"/>	
Primary DNS	<input type="text"/>	
Secondary DNS	<input type="text"/>	
<input type="button" value="Apply"/>		

- Pentru setari de tipul PPoE trebuie sa introduceti Username-ul si Parola pe care le-ati primit de la furnizorul de internet.

### PPPoE Setup

PPPoE Account	<input type="text"/>	
PPPoE Password	<input type="text"/>	
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/>	<input type="button" value="MAC Clone"/>
Default Physical Address	<input type="text" value="08-10-74-06-32-F1"/>	<input type="button" value="Default MAC"/>
MTU	<input type="text" value="1410"/>	
Primary DNS	<input type="text"/>	
Secondary DNS	<input type="text"/>	
<input checked="" type="radio"/> Connect to Internet automatically (Default)		
<input type="radio"/> Auto disconnect when idle, time out      After <input type="text"/> minutes, if no found the access request then auto-break off!		
<input type="radio"/> Connect to Internet manually		
<input type="button" value="Apply"/>		

- Pentru o conexiune de tipul PPTP trebuie sa introduceti Username, Parola si Server IP-ul pe care le-ati primit de la furnizorul de internet.

## PPTP

User Name	<input type="text" value="test"/>
Password	<input type="password" value="****"/>
Server IP Address	<input type="text" value="192.168.100.1"/>

Chose one WAN connection type DHCP or Static IP

<input checked="" type="radio"/> DHCP	
<input type="radio"/> Static IP <input type="text" value="192.168.0.1"/>	
Primary DNS	<input type="text"/>
Secondary DNS	<input type="text"/>
Physical Address Clone	<input type="text" value="08-10-74-06-32-F1"/> <input type="button" value="MAC Clone"/>
Default Physical Address	<input type="text" value="08-10-74-06-32-F1"/> <input type="button" value="Default MAC"/>
MTU	<input type="text" value="1496"/>
<input type="button" value="Apply"/>	

## Setari avansate

### Restabilirea setarilor initiale

Daca router-ul se blocheaza in timp ce se efectueaza unele scimbari de setari sau nu va amintiti adresa IP pentru a accesa meniul router-ului puteti folosi butonul de resetare din spatele router-ului. Tineti apasat acel buton pentru 2-3 secunde in timp ce router-ul este pornit si acesta va reveni la setarile din fabrica.

### Update de soft

Pentru a face update la sistemul de operare al router-ului trebuie sa download-ati fisierul cu sistemul de operare de pe internet sa il salvati pe HDD, dupa care din meniul router-ului se selecteaza Firmware Upgrade.

## Firmware Upgrade

New Firmware File:	<input type="text"/>	<input type="button" value="Browse..."/>	<input type="button" value="Apply"/>
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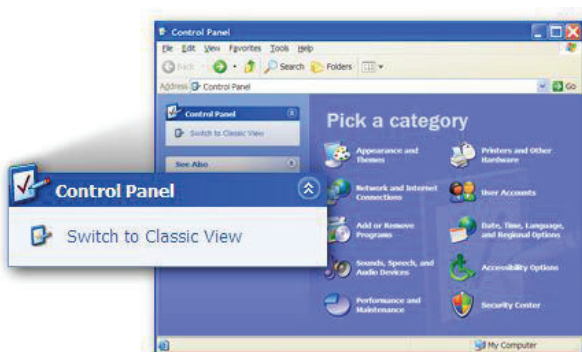
## Configurarea IP-ului in PC

Configurati calculatorul pentru a obtine un IP automat urmand pasii de mai jos:

- Click pe butonul **“Start”**, apoi selectati **“Control Panel”**



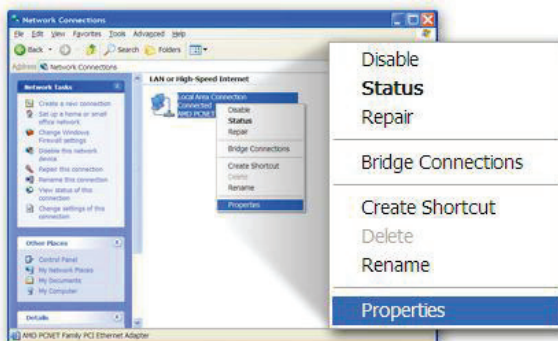
- Click pe butonul **“Switch to Classic View”** aflat in partea din stanga-sus pentru a beneficia de mai multe detalii.



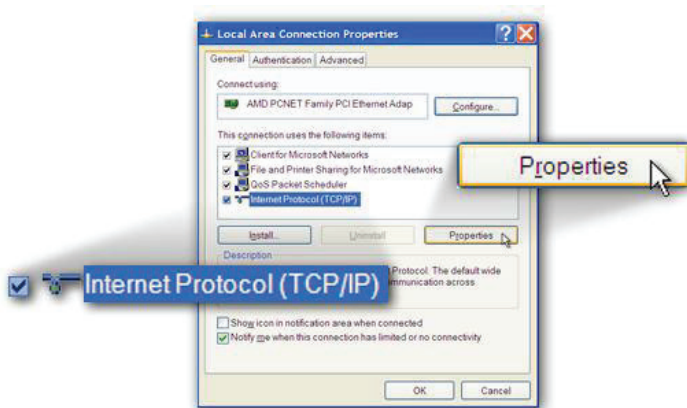
- Gasiti iconita “**Network Connections**” si faceti dublu-click pe aceasta pentru a deschide fereastra ce permite sa faceti diferite setari caracteristice conexiunii dumneavoastra la retea.



- Selectati iconul “**Local Area Connection**”; faceti click-dreapta si selectati “**Properties**” pentru a seta IP-ul.



- Selectati optiunea “**Internet Protocol (TCP/IP)**” si dati click pe butonul “**Properties**”.



- Bifati **“Obtain an IP address automatically”** si **“Obtain DNS server address automatically”**, iar apoi apasati pe butonul **“OK”** pentru a inchide fereastra.

